

Leptin Antagonist Triple Mutant Pegylated Rat Recombinant

Item Number	rAP-2357
Synonyms	
Description	Leptin Antagonist Triple Mutant Rat Recombinant is a single non-glycosylated polypeptide chain containing 146 amino and additional Ala at N-terminus acids and having a molecular mass of ~ 16 kDa. The Rat Leptin antagonist was mutated, resulting in L39A/D40A/F41A mutant. The Rat Leptin antagonist is bound to 20
Uniprot Accession Number	
Amino Acid Sequence	
Source	Escherichia coli.
Physical Appearance and Stability	White lyophilized (freeze-dried) powder. Lyophilized Leptin Antagonist Triple Mutant Rat Recombinant although stable at room temperature for several weeks, should be stored desiccated below -18°C. Upon reconstitution at > 0.1 Leptin mutant mg/ml and up to 2 mM and filter sterilization LEP mutant can be stored at 4°C or even room temperature for several weeks making it suitable for long term infusion studies using
Formulation and Purity	The Rat Leptin triple antagonist was lyophilized from a concentrated (0.65mg/ml) solution with 0.003mM NaHCO ₃ . Greater than 99.0% as determined by:(a) Gel filtration analysis.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Leptin Antagonist Triple Mutant Rat Recombinant in sterile water or sterile 0.4% NaHCO ₃ adjusted to pH 8-9, not less than 100µg/ml, which can then be further diluted with other aqueous solutions.
Biological Activity	Leptin Antagonist Triple Mutant Rat Recombinant half-life in circulation after SC injection was over 20 hours. Leptin Antagonist Triple Mutant Rat Recombinant is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transfected with the
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**